**Index of Claims** 

| Applic | -61- | -10-   | 4-61 | NI- |
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10/004,217

Examiner

Jordan Hamann

Applicant(s)/Patent under Reexamination

GOETZINGER ET AL.

Art Unit

2667

| - | <b>√</b> | Rejected |
|---|----------|----------|
|   | II       | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|       | '                   |                |              |          |  |          |  |  |              |              |     |          |          |  |          |          |  |              |              |            |              |          |
|-------|---------------------|----------------|--------------|----------|--|----------|--|--|--------------|--------------|-----|----------|----------|--|----------|----------|--|--------------|--------------|------------|--------------|----------|
| Clain | n                   | -              |              |          | (  | Date     | • · ·  |  |              |              | 1   | Cla      | im       |  |          |          |  | Date         | =            |            |              | _        |
|       |                     | 8/10/05        |              |          |  |          |  |  |              |              |     | Final    | Original |  |          |          |  |              |              |            |              |          |
|       | 1                   | =              |              |          |  |          |  |  |              |              |     |          | 51       |  |          |          |  |              |              |            |              |          |
|       | 2                   | 11             |              |          |  |          |  |  |              |              |     |          | 52       |  |          |          |  | <u> </u>     |              |            |              |          |
|       | 3                   | =              |              |          |  |          |  |  |              |              | ]   |          | 53       |  |          |          |  |              |              |            |              | L        |
|       | 4                   | =              |              |          |  |          |  |  |              |              |     |          | 54       |  |          |          |  |              | L            |            |              | L        |
|       | 5                   | =              |              |          |  | _        |  |  | _            | L            |     |          | 55       | Ш  |          |          |  | _            |              | L          |              | _        |
|       | 6                   | =              |              |          |  |          | L_   |  |              | _            |     |          | 56       | Ш  |          |          |  |              |              |            |              | L        |
|       | 7                   | =              |              |          | <u> </u>   | <u> </u> | L  | _  |              | _            |     |          | 57       | Ш  |          |          |  | <u> </u>     |              |            | _            | L        |
|       | 8                   | =              |              | _        |  | _        |  |  |              | _            |     |          | 58       | Н  |          |          | _  |              | L            | _          | _            | L        |
|       | 9                   | =              |              |          |  |          | <u> </u>   | <u> </u>   | <u> </u>     | <u> </u>     |     |          | 59       |  |          |          | <u> </u>   | <b> </b>     | ⊢            | -          | _            | ⊢        |
|       | 10<br>11            | =              | _            | _        | H  | -        | -  |  | ├            | <del> </del> |     |          | 60<br>61 | Н  | _        |          | -  | ├            | ⊢            |            |              | ⊢        |
|       | 12                  | -              | _            | -        | ⊢  | -        |  |  | ┝            | -            | 1   |          | 62       | -  | _        |          | _  | ┝            | ├            | -          | -            | ⊢        |
|       | 13                  | -              | H            | -        | ┝  |          | _  | ├  | $\vdash$     | -            |     |          | 63       | Н  | _        |          |  | ⊢            | $\vdash$     | _          |              | H        |
| 14    | 14                  | =              |              | ┢        | ┢  | ┢╌       | $\vdash$   | $\vdash$   | $\vdash$     |              | 1   |          | 64       | Н  |          | _        |  | H            |              | $\vdash$   |              | H        |
|       | 15                  | =              |              | ⊢        | ├  | ┢        | $\vdash$   |  | _            | -            | 1   |          | 65       | H  | _        | _        | $\vdash$   | $\vdash$     | ╁            | $\vdash$   |              | ┢        |
|       | 16                  | =              |              | ┢┈       | <del>                                     </del> |          | _  |  | $\vdash$     | -            | 1 1 |          | 66       | Н  |          |          | $\vdash$   | $\vdash$     | $\vdash$     | ┢          |              | T        |
|       | 17                  | =              |              |          |  | $\vdash$ | $\vdash$   |  |              |              | 1   |          | 67       | $\vdash$                                     |          |          | <u> </u>   | t            | 一            | <u> </u>   | П            | Г        |
|       | 18                  | =              |              | -        |  | $\vdash$ | <del>                                     </del> |  |              |              | 1   |          | 68       | М  |          |          |  |              | Г            | -          | Г            | T        |
|       | 19                  | =              | _            | _        | 一  | $\vdash$ |  | _  |              |              | 1   |          | 69       | П  |          |          |  | Г            | T            | _          | $\vdash$     |          |
|       | 20                  | Ξ              |              |          |  |          |  |  |              |              | 1   |          | 70       | П  |          |          |  |              |              |            |              |          |
|       | 21                  |                |              |          |  |          |  |  |              | Г            | 1   |          | 71       | П  |          |          |  |              |              | Г          |              |          |
|       | 22                  |                |              |          |  |          |  |  |              | Г            | 1   |          | 72       | П  |          |          |  |              |              |            |              |          |
|       | 23                  |                |              |          |  |          |  |  |              |              | 1   |          | 73       |  |          |          |  |              |              |            |              |          |
|       | 24                  |                |              |          |  |          |  |  |              |              | ]   |          | 74       |  |          |          |  |              |              | L.         | L            | L        |
|       | 25                  |                |              |          |  | L        |  |  |              |              |     |          | 75       |  |          |          | <u> </u>   | <u> </u>     | <u> </u>     |            | _            | L        |
|       | 26                  |                | L            | L.       | ļ  |          |  | _  | _            |              | Į   |          | 76       |  |          |          |  | <u> </u>     | L            | _          |              | L        |
|       | 27                  |                | L            | <u> </u> | <u> </u>   | <u> </u> | _  | <u> </u>   | _            | ļ            |     |          | 77       | $\sqcup$                                     |          |          | L_   | <u> </u>     | l            | ┡          |              | L        |
|       | 28                  | _              | <u> </u>     | _        | ┡  | ├        | <u> </u>   |  | _            | <u> </u>     | ļ   |          | 78       | <u>.                                    </u> |          | _        | <u> </u>   | <del> </del> | <b>—</b>     | ├-         | <u> </u>     | ⊢        |
|       | 29                  | _              | <u> </u>     | _        | ┞  | ┝        | L  | ⊢  | _            | ⊢            | ł   |          | 79       |  |          | <u> </u> | ⊢  | ⊢            | -            | _          | ┝            | ⊦        |
|       | 30<br>31            | <u> </u>       | -            | -        | ┝  | <u> </u> | -  | ⊢  | ⊢            | ⊢            | -   | -        | 80       | <u> </u>                                     |          |          |  | ┢            |              |            | ⊢            | ⊢        |
|       | 32                  | <del> </del> — | ┝            | -        | ┢  | -        | ⊢  | ⊢  | ├            |              | -   |          | 82       | ╁  | _        |          | <del>                                     </del> | ╁            | ╁            | $\vdash$   | ⊢            | ┝        |
|       | 33                  | ├              | -            | -        | ╁  | ╁─       | ⊢  | ⊢  | -            | <del> </del> | ┨   |          | 83       | $\vdash$                                     | -        | _        | ┢  | ╁╌           |              | $\vdash$   | ╁            | ┢        |
|       | 34                  | -              | ┝            | -        |  | ╁╾       |  | H  |              | -            | 1   |          | 84       | $\vdash$                                     | -        | _        | $\vdash$   | $\vdash$     |              | ┢          | ┢            | H        |
|       | 35                  |                | $\vdash$     |          | $\vdash$   | T        | $\vdash$   | <del>                                     </del> | $\vdash$     | $\vdash$     | 1   |          | 85       |  | _        |          | $\vdash$   | 1            |              | T          | ┰            | r        |
|       | 36                  | $\vdash$       | T            | T        | 1  | T        | <del>                                     </del> | $\vdash$   | Т            | Г            | 1   |          | 86       | П  |          |          | Т  | 1            | П            | Г          | Г            | Γ        |
|       | 37                  | $\vdash$       | ┢            |          | T  |          |  | Г  | Г            | T            | 1   |          | 87       |  |          | Г        | Γ  | 1            |              |            |              | Γ        |
|       | 38                  |                | Г            | Γ        | T  |          |  |  |              |              | 1   |          | 88       |  |          |          |  |              |              |            |              | Γ        |
|       | 39                  | L              |              |          |  |          |  |  |              |              | ]   |          | 89       |  |          |          |  |              |              |            |              | Ĺ        |
|       | 40                  |                |              |          |  |          |  |  |              |              | 1   |          | 90       |  |          |          | Ĺ  | L            | <u> </u>     | L.         | L            | L        |
|       | 41                  | $\Box$         |              | 匚        |  | L        | L  |  | ļ            | oxdot        | ]   |          | 91       | $ldsymbol{oxed}$                             | _        | L        |  | L            | Ŀ            | oxdapsilon | _            | L        |
|       | 42                  | L              | <u> </u>     | L        | $\perp$  | <u> </u> | <u> </u>   | _  | _            | L            | 1   |          | 92       | <u> </u>                                     | _        |          |  | ┺            | <del> </del> | <u> </u>   | <u> </u>     | Ļ        |
|       | 43                  |                | <u> </u>     | L        | ↓_   | <u> </u> | $\vdash$   | <u> </u>   | $\vdash$     | <u> </u>     | 1   | <u> </u> | 93       | $\vdash$                                     |          | _        | <u> </u>   | $\vdash$     | ـ            | <u> </u>   | <u> </u>     | L        |
|       | 44                  | _              | ļ            | _        | ـــ  | ऻ—       | <u> </u>   | $\vdash$   | ⊢            | <u> </u>     | -   |          | 94       | ├  | <u> </u> | <u> </u> |  | -            | $\vdash$     | $\vdash$   | ├            | $\vdash$ |
|       | 45                  | _              | $\vdash$     | <u> </u> | $\vdash$   | ├-       | -  | ⊢  | ⊢            | ├-           | -   | <b> </b> | 95       | $\vdash$                                     |          | _        | _  | ├            | -            | $\vdash$   | <del> </del> | ╀        |
|       | 46                  | <u> </u>       | $\vdash$     | -        |  | ⊢        | ₩  | ₩  | <del> </del> | -            | ┨   | ļ —      | 96       | 1  | <u> </u> | $\vdash$ | $\vdash$   | ┼            | ┼            |            | ├            | ⊬        |
|       | 47                  | $\vdash$       | <u> </u>     | $\vdash$ | $\vdash$   |          | -  | Ͱ  | $\vdash$     | $\vdash$     | ┨   | <u> </u> | 97<br>98 | ┼  | <u> </u> | $\vdash$ | $\vdash$   | $\vdash$     | $\vdash$     | $\vdash$   | ╁            | ⊬        |
|       | 48<br>49            | $\vdash$       | <del> </del> | $\vdash$ | ╁  | $\vdash$ | ╁  | ╁  | ╁            | ⊢            | 1   |          | 99       | +-   | ┝        | -        | $\vdash$   | ┼-           | ├            | $\vdash$   | $\vdash$     | +        |
|       | <del>49</del><br>50 | $\vdash$       | $\vdash$     | $\vdash$ | ⊢  | +-       | $\vdash$   | ╁  | ⊢            | ╁╌           | 1   | <u> </u> | 100      | ┼~   | $\vdash$ | $\vdash$ | $\vdash$   | ╁            | $\vdash$     | $\vdash$   | $\vdash$     | +        |
|       | JU                  | Щ              | Щ            | Ц_       | ــــــــــــــــــــــــــــــــــــــ           | 1        |  | Ц_   |              |              | J   | Щ_       | 1,00     | _  |          | Ь        | Ь  | Ц_           | Ц.           | _          |              | _        |

| Cla      | im       |          | _        |                                     |              | ate      | <u> </u>                       |                           |          |    |
|----------|----------|----------|----------|-------------------------------------|--------------|----------|--------------------------------|---------------------------|----------|----|
|          |          | $\neg$   |          |                                     |              |          | $\neg$                         | П                         | T        |    |
| Final    | Original |          |          |                                     |              |          |                                |                           |          |    |
|          | 51       |          |          |                                     |              |          |                                |                           |          |    |
|          | 52       |          |          |                                     |              |          |                                |                           |          |    |
|          | 53       |          |          |                                     |              |          |                                |                           |          |    |
|          | 54       | _        | _        |                                     |              |          |                                |                           |          |    |
|          | 55       | _        |          |                                     | _            |          |                                |                           |          |    |
|          | 56       | _        | _        |                                     |              |          |                                |                           |          |    |
|          | 57       | _        |          | $\dashv$                            | _            |          |                                | _                         |          |    |
| -        | 58       | $\dashv$ |          |                                     | -            |          |                                |                           | _        |    |
| -        | 59<br>60 | $\dashv$ |          | -                                   | $\vdash$     |          |                                | -                         |          |    |
|          | 61       |          | $\dashv$ | -                                   |              | _        | -                              |                           |          |    |
| <b>—</b> | 62       |          | _        |                                     | -            | -        | _                              |                           |          |    |
|          | 63       |          | $\dashv$ | $\dashv$                            | $\vdash$     | _        |                                |                           |          |    |
| $\vdash$ | 64       | $\dashv$ | $\neg$   | $\vdash$                            | -            |          |                                |                           |          |    |
|          | 65       | $\dashv$ |          | $\Box$                              |              |          |                                |                           | $\Box$   |    |
|          | 66       |          |          |                                     |              |          |                                |                           |          |    |
|          | 67       |          |          |                                     |              |          |                                |                           |          |    |
|          | 68       |          |          |                                     |              |          |                                |                           |          |    |
|          | 69       |          |          |                                     |              |          |                                |                           |          |    |
|          | 70       |          |          |                                     |              |          |                                |                           |          |    |
|          | 71       |          |          |                                     |              |          |                                |                           |          |    |
|          | 72       |          |          |                                     |              |          |                                |                           | Ш        |    |
|          | 73       | _        |          |                                     |              |          |                                | _                         | Щ        |    |
| -        | 74       |          |          |                                     |              |          |                                |                           | $\vdash$ |    |
| -        | 75<br>76 |          |          |                                     |              |          | $\vdash$                       |                           | Н        |    |
|          | 76<br>77 | -        |          |                                     |              |          |                                | _                         |          |    |
| _        | 78       | $\dashv$ |          |                                     | -            |          |                                |                           |          | _  |
|          | 79       |          |          |                                     | _            | _        |                                |                           | _        |    |
|          | 80       |          |          |                                     |              |          |                                |                           |          |    |
|          | 81       |          |          |                                     |              |          |                                |                           |          |    |
|          | 82       |          |          |                                     |              |          |                                |                           |          |    |
|          | 83       |          |          |                                     |              |          |                                |                           |          |    |
|          | 84       |          |          |                                     |              |          |                                | <u> </u>                  | L        | _  |
| <u></u>  | 85       | Ш        |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $oxed{oxed}$ |          | $\vdash$                       |                           | L.       |    |
|          | 86       |          |          | <u> </u>                            | <u> </u>     | _        | $\vdash$                       | _                         |          |    |
|          | 87<br>88 | Н        |          | $\vdash$                            | $\vdash$     |          | $\vdash$                       | _                         | $\vdash$ |    |
| _        | 89       | Н        |          | $\vdash$                            | $\vdash$     | _        | -                              | H                         | $\vdash$ | _  |
| $\vdash$ | 90       | $\vdash$ | _        | H                                   | -            |          | <del></del>                    |                           | $\vdash$ | _  |
|          | 91       | H        |          | $\vdash$                            | H            | H        | $\vdash$                       | $\vdash$                  | $\vdash$ | -  |
|          | 92       | $\vdash$ |          | Т                                   | -            |          | $\vdash$                       | Г                         |          |    |
|          | 93       |          |          | Г                                   |              | Г        | Г                              | <u> </u>                  |          |    |
|          | 94       |          |          |                                     |              |          |                                |                           |          |    |
|          | 95       |          |          |                                     |              |          |                                |                           |          |    |
|          | 96       |          |          |                                     |              |          | $oxedsymbol{oxedsymbol{oxed}}$ |                           | L        |    |
|          | 97       |          |          | L                                   |              |          | 匚                              | 匚                         | <u> </u> |    |
|          | 98       |          |          | L_                                  | <u>L</u>     | <u> </u> | <u> </u>                       | <u> </u>                  | <u> </u> | L  |
|          | 99       | <u> </u> | _        | <u> </u>                            | $\vdash$     | <u> </u> | <u> </u>                       | $ldsymbol{ldsymbol{eta}}$ | <u> </u> | L. |
| 1        | 100      |          | ı        |                                     |              | 1        | ŀ                              | ı                         | i .      |    |

| Claim    |  | Date         |              |  |  |          |  |                   |              |          |  |  |
|----------|--|--------------|--------------|--|--|----------|--|-------------------|--------------|----------|--|--|
| Final    | Original   |              |              |  |  |          |  |                   |              |          |  |  |
|          | 101<br>102   |              |              |  |  |          |  |                   |              |          |  |  |
|          | 102  | L.           |              |  |  |          |  |                   |              | Ш        |  |  |
|          | 103  | L            |              |  |  |          |  |                   |              |          |  |  |
|          | 104<br>105   | L            |              |  |  |          |  |                   |              |          |  |  |
|          | 105  | L            |              |  | Ш  |          |  |                   |              |          |  |  |
|          | 106  |              |              | L  | L  | Ш        |  |                   |              |          |  |  |
|          | 107<br>108   |              |              | <u> </u>   |  |          |  | _                 |              |          |  |  |
|          | 108  | L            |              | _  |  | L        |  | <u> </u>          | <u> </u>     | Н        |  |  |
|          | 109  | <u> </u>     |              | <u> </u>   | L  | <u> </u> |  | $\vdash$          | _            |          |  |  |
|          | 110  | _            | $\vdash$     | _  | ļ  | _        | $\vdash$                                     |                   | -            |          |  |  |
|          | 111  | -            | <u> </u>     | _  | -  | $\vdash$ | $\vdash$                                     | _                 | $\vdash$     | $\dashv$ |  |  |
|          | 112<br>113   | -            | <u> </u>     | <u> </u>   |  | $\vdash$ | <u> </u>                                     | $\vdash$          |              | Н        |  |  |
|          | 113  | <del> </del> | $\vdash$     | $\vdash$   | -  | H        |  | ├                 | $\vdash$     | $\vdash$ |  |  |
|          | 114  | $\vdash$     | <del> </del> | ⊢  |  | $\vdash$ | $\vdash$                                     | ├                 | $\vdash$     | Н        |  |  |
|          | 115<br>116<br>117                                    | -            | $\vdash$     | $\vdash$   | <del>                                     </del> | $\vdash$ | <del> </del>                                 | $\vdash$          | $\vdash$     | Н        |  |  |
|          | 117  | ┝            | ┝            | -  | -  | $\vdash$ | -  | $\vdash$          | -            | Н        |  |  |
|          | 118  | -            | $\vdash$     | -  | $\vdash$   | $\vdash$ |  | $\vdash$          | -            | Н        |  |  |
|          | 110  |              | H            | -  | ╁  | H        | -  |                   | $\vdash$     | Н        |  |  |
|          | 120<br>121<br>122                                    |              | $\vdash$     | _  | $\vdash$   | $\vdash$ |  |                   | _            |          |  |  |
|          | 121  |              | $\vdash$     | ┰  | 1  | $\vdash$ | -  |                   | T            | $\Box$   |  |  |
|          | 122  |              | _            | T  | $\vdash$   |          | _  | _                 |              | П        |  |  |
|          | 123  | Г            |              |  |  |          |  |                   |              |          |  |  |
|          | 124  |              | $\vdash$     | Г  |  |          |  |                   | 1            |          |  |  |
|          | 125  |              |              |  |  |          |  |                   |              |          |  |  |
|          | 123<br>124<br>125<br>126<br>127<br>128<br>129<br>130 |              |              |  |  |          |  |                   |              | Ш        |  |  |
|          | 127  | L.           | <u> </u>     |  |  |          |  | _                 |              | Ш        |  |  |
|          | 128  | <u> </u>     |              | <u> </u>   | <u> </u>   |          | <u>_</u>                                     | <u> </u>          | L            | Ш        |  |  |
|          | 129  | _            |              | <b>!</b>   | L  | _        |  | <u> </u>          | L            | Ш        |  |  |
|          | 130  | <u> </u>     | $\vdash$     | ┡  | _  | <u> </u> | <u> </u>                                     | ┡                 | ļ            | Щ        |  |  |
|          | 131<br>132<br>133                                    | ⊢            | <u> </u>     | ├  |  | -        |  | ⊢                 |              | Н        |  |  |
|          | 132  | ⊢            |              | ┢  | -  | ⊢        | -  | ├                 |              | Н        |  |  |
|          | 124  | ⊢            | -            | ┝  | ⊢  | ┝        | ⊢  | ⊢                 | ├            | Н        |  |  |
|          | 134<br>135   | ⊢            | -            | ┢  | -  | ┢        | ┢  | ┢                 | ┢            | Н        |  |  |
|          | 136  | $\vdash$     | -            | $\vdash$   | -  | ╁─       | ┢  | ╁                 | $\vdash$     | Н        |  |  |
|          | 136<br>137   | -            | $\vdash$     | ╁  | t−   | Н        | -  | $\vdash$          | $\vdash$     | $\vdash$ |  |  |
|          | 138  | ╁            | <b>-</b> -   | <del>                                     </del> | ┢  | İΤ       |  |                   |              | Н        |  |  |
|          | 139  |              |              |  |  |          | Г  |                   | Г            | П        |  |  |
|          | 140  |              | 1            | T  |  | Г        |  |                   | 1            | $\Box$   |  |  |
|          | 141  |              | L            |  |  |          |  |                   |              |          |  |  |
|          | 142  |              | 匚            |  |  |          |  |                   |              |          |  |  |
|          | 143  |              |              |  | $oxed{\Box}$                                     | _        | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L                 | _            | Ш        |  |  |
|          | 144  | <u> </u>     | L            |  | L  | <u> </u> | _  | <u>L</u>          | lacksquare   | Ш        |  |  |
|          | 145  | <u> </u>     | ╙            | <u> </u>   | <b>L</b>   | ㄴ        | <u> </u>                                     | $ldsymbol{f eta}$ | ┞            | Ш        |  |  |
|          | 146  | <u> </u>     | <u> </u>     | <b>L</b>   | <b> </b>   | ↓_       | <u> </u>                                     | L                 | ├_           | Ш        |  |  |
| ļ        | 147  | ├-           | <u> </u>     | <b>├</b> -                                       | ├-   | -        | <del> </del>                                 | $\vdash$          |              | Н        |  |  |
| <u> </u> | 148  | $\vdash$     | 1            | ⊢  | ├-   | $\vdash$ | $\vdash$                                     | -                 | 1—           | Н        |  |  |
| <u> </u> | 149<br>150   | ╀            | -            | ╁┈   | -  | ╀        | ⊢  | ├—                | <del> </del> | Н        |  |  |
| Щ.       | 150  | ـــــ        | _            |  | ــــــــــــــــــــــــــــــــــــــ           | ــــــ   | <b>I</b>                                     | <u> </u>          | <u> </u>     | Ш        |  |  |